

VEHICLE LEVELING SYSTEM AND METHOD USING A COMBINATION OUTRIGGER AND JACK MOUNT

ABSTRACT

[0035] An assembly adapted for use in an outrigger device for stabilizing a work vehicle such as a fire truck includes an elongated housing having an open end and adapted to be pivotally attached to the vehicle. An extendible-retractable beam is telescopically fitted in the housing and can be hydraulically extended and retracted. A jack tower is affixed to the outer end of the beam at an angle offset from the perpendicular. The jack tower includes a first component affixed to the beam and a second extendible retractable component telescopically affixed to the first component, and a hydraulic actuator for extending and retracting the second component which preferably has a ground-engaging pad pivotally attached to its lower end.